

ABSTRACT OF THE DISCLOSURE

A remote operation wire line core sampling device, capable of increasing efficiency of working and maintaining a wall of a hole by using a stabilized sea-bottom core drill at a sea-bottom and adopting a wire line system, comprises: a drill rod held by 5 a chuck of a sea-bottom core drill; a wire line core barrel having, at a tip thereof, a bit for annularly drilling into ground; an inner tube assembly detachably incorporated in the wire line core barrel; and an over-shot assembly having a function for engagement thereof with a spear head part at a top end of the inner tube assembly. The device also comprises a water swivel in which water supply ports are formed at upper and lower 10 parts thereof, a modified built-in type over-shot assembly is formed at the upper and lower parts thereof, and a modified built-in type over-shot assembly is incorporated therein so as to reside at an intermediate part thereof.